

**METHOD FOR STABILIZING CATALYST ACTIVITY
DURING MTO UNIT OPERATION**

ABSTRACT

A method for maintaining the activity of silicoaluminophosphate (SAPO) molecular sieve catalyst particles during oxygenate to olefin conversion reactions. After regeneration of SAPO catalyst particles, the regenerated particles are mixed with particles having coke on their surface in a manner that maintains their catalytic activity at a predetermined level.